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Harry RosenbergPRIORITY FILING DATE
November 20, 2000PRIORITY GROUP
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PD	AA	4,727,928	03/1988	De Vynck et al.	1	1	1
↑	AB	5,108,490	04/1992	Yoshimura	1	1	1
	AC	5,232,485	08/1993	Yoshimura et al.	1	1	1
	AD	5,635,146	06/1997	Singh, et al.	1	1	1
	AE	3,933,474	01/20/76	Ham et al	1	1	1
	AF	5,442,978	08/22/95	Hildreth et al	1	1	1
	AG	6,010,676	01/04/00	Singh et al	1	1	1
↓	AH	4,082,579	04/1978	Masumoto et al	1	1	1
PD	AI	4,673,554	06/1987	Niwa et al	1	1	1
	AJ						
	AK						
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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
PD	AM	19841774	03/1999	GER (translation of abstract only)	X	X		
↑	AN	03-197640	08/1991	JPN (translation of abstract only)				
↓	AO	WO96/20892	07/1996	PCT				
PD	AP	JP403197640	08/1991	Japan				
	AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

PD	AR		Tittering, et al., "The Production and Fabrication of Tantalum Powder," Symposium on Powder Metallurgy, 1954, pgs. 11-18.
↑			Michaluk et al., "Factors Affecting the Mechanical Properties and Texture of Tantalum," Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pgs. 205-207.
	AS		Tripp et al., "The Production of Tantalum by the Sodium Reduction Process," Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pgs. 23-27.
			Fukang, et al., "Tantalum Industry in China," Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pgs. 287-292.
↓	AT		Eckert, "The Industrial Application of Pyrometallurgical, Chlorination and Hydrometallurgy for Producing Tantalum Compounds," Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pgs. 55-61.
PD			Suri, et al., "Studies on Tantalum Extraction," Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pgs. 39-46.

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	AN							
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

PP ↑	AP		Albrecht, et al., "Modern Extraction of Tantalum and Niobium with Special Emphasis on the Production of High Purity Compounds," Conference Proceedings of Inter.Symp. On Tantalum and Niobium, 11/1988, Brussels, Belgium, 22 pages.
			Aichert et al., "Progresses in the Economical Production of Very Clean Refractory Metals and Alloys by Electron Beam Melting," Conference Proceedings on Progress in the Economical Production of Very Clean Refractory Metals and Alloys, 05/1985, Reutte, Austria, pages 863-877.
↓ PD	AQ		Pierret et al., "Operation of Electron Beam Furnace for Melting Refractory Metals" page 208-217, Conference and date not known.
			Nair, et al., "Production of Tantalum Metal by the Aluminothermic Reduction of Tantalum Pentoxide," Journal of the Less-Common Metals 41 (1974) pgs. 87-95, The Netherlands.
	AR		Klopp, et al., "Purification Reactions of Tantalum During Vacuum Sintering," Transactions of the Metallurgical Society of AIME, Vol. 218, 12/1960, pgs. 971-977.
			Rolsten, "Iodide Metals and Metal Iodides," John Wiley & sons, Inc., New York-London, 1961 pgs. 8-17 and 110-119.

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PD	AK	JP-2000212678-A	08/2000	NIHA				
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PD	AM		Jain et al., "Pilot Plant Production of Capacitor Grade Tantalum Powder," Transactions of The Indian Institute of Metals, 12/1971, pgs. 1-8.
			Crockett, et al., "Niobium (Columbium) and Tantalum," International Strategic Minerals Inventory Summary Report, pgs. 1-21 and 34-37.
	AN		Kononov, et al., "Electrorefining in Molten Salts - An Effective Method of High Purity Tantalum, Hafnium and Scandium Metal Production," Journal of Alloys and Compounds 218 (1995), pgs. 173-176.
			Bose, et al., "Preparation of Capacitor Grade Tantalum Powder," Transactions of The Indian Institute of Metals, 06/1970, pgs. 1-5.
	AO		Korinek, "Tantalum - An Overview," Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pgs. 3-15.
			Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pg. 240.
PD	AP		Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pg. 274.

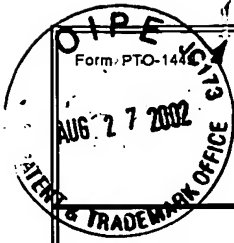
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							Yes	No
PD	AJ	JP 62-297463	12/1987	Japan			X	
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	AB	6,323,055	11/2001	Rosenberg et al	—	—	—
	AC	6,348,139	02/2002	Shah et al	—	—	—
	AD	6,331,233	12/2001	Turner	—	—	—
	AE	5,837,123	11/1998	Wong et al	—	—	—
	AF	5,707,599	01/1998	Northway	—	—	—
	AG	5,722,034	02/1998	Kambara	—	—	—
PD	AH	5,331,233	09/1993	Kumar	—	—	—
	AI				—	—	—

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PD	AL	Albrecht, et al., "Modern Extraction of Tantalum and Niobium with Special Emphasis on the Production of High Purity Compounds," Conference Proceedings of Inter.Symp. On Tantalum and Niobium, 11/1988, Brussels, Belgium, 22 pages.
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	AP	Klopp, et al., "Purification Reactions of Tantalum During Vacuum Sintering," Transactions of the Metallurgical Society of AIME, Vol. 218, 12/1960, pgs. 971-977.
	AQ	Roisten, "Iodide Metals and Metal Iodides," John Wiley & sons, Inc., New York-London, 1961 pgs. 8-17 and 110-119.
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	AT	Kononov, et al., "Electrorefining in Molten Salts - An Effective Method of High Purity Tantalum, Hafnium and Scandium Metal Production," Journal of Alloys and Compounds 218 (1995), pgs. 173-176.
PD	AU	Bose, et al., "Preparation of Capacitor Grade Tantalum Powder," Transactions of The Indian Institute of Metals, 06/1970, pgs 1-5.

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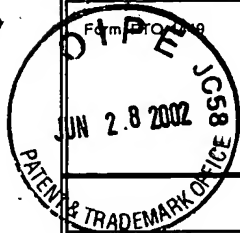
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	AS	Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pg. 240.
PD	AT	Symposium jointly sponsored by SCAMP and SMD (RMMC), 125th TMS Annual Meeting and Exhibition, Anaheim, California 02/1996, pg. 274.
	AU	Cabot Performance Materials, Material Evaluation Report, March 25, 1998, Ingot Number T843A
PD	AV	Cabot Performance Materials, Material Evaluation Report, February 2, 1999, Ingot Number T0961
	AW	R. H. Burns et al.: "Evolution of applications of tantalum", in proceedings "Tantalum", edited by E. Chen et al., published by TMS, 1996, pp. 273-285.

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